

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

## Refine Search

### Search Results -

Terms	Documents
L18 and partition\$	8

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L19

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Wednesday, September 08, 2004   [Printable Copy](#)   [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L19</u>	L18 and partition\$	8	<u>L19</u>
<u>L18</u>	(debug\$ or test\$) near5 (operating system) and (extension\$ near5 access\$)	17	<u>L18</u>
<u>L17</u>	L16 and l6	1	<u>L17</u>
<u>L16</u>	718/105.ccls.	447	<u>L16</u>
<u>L15</u>	L14 and l6	0	<u>L15</u>
<u>L14</u>	718/100.ccls.	714	<u>L14</u>
<i>DB=TDBD; PLUR=YES; OP=ADJ</i>			
<u>L13</u>	extens\$ near6 debug\$ and partition\$ and operating system and (access\$ near5 exten\$)	0	<u>L13</u>
<i>DB=DWPI; PLUR=YES; OP=ADJ</i>			
<u>L12</u>	extens\$ near6 debug\$ and partition\$ and operating system and (access\$ near5 exten\$)	0	<u>L12</u>

*DB=JPAB; PLUR=YES; OP=ADJ*

L11    extens\$ near6 debug\$ and partition\$ and operating system and (access\$  
near5 exten\$)    0    L11

*DB=EPAB; PLUR=YES; OP=ADJ*

L10    extens\$ near6 debug\$ and partition\$ and operating system and (access\$  
near5 exten\$)    0    L10

*DB=USOC; PLUR=YES; OP=ADJ*

L9    extens\$ near6 debug\$ and partition\$ and operating system and (access\$  
near5 exten\$)    0    L9

*DB=PGPB; PLUR=YES; OP=ADJ*

L8    extens\$ near6 debug\$ and partition\$ and operating system and (access\$  
near5 exten\$)    0    L8

*DB=USPT; PLUR=YES; OP=ADJ*

L7    l5 and (access\$ near5 exten\$)    9    L7

L6    L5 and access\$    63    L6

L5    extens\$ near6 debug\$ and partition\$ and operating system    63    L5

L4    l1 and (access\$ near8 exten\$)    1    L4

L3    L2 and access\$    1    L3

L2    L1 and exten\$    1    L2

L1    5889988.pn.    1    L1

END OF SEARCH HISTORY

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)Welcome  
United States Patent and Trademark Office

&gt;&gt; Search

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

**IEEE Enterprise**

- ☐ Access the IEEE Enterprise File Cabinet



Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Your search matched **0** of **1069805** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard**Results:****No documents matched your query.**



[Subscribe \(Full Service\)](#) [Register \(Free, Limited Service\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

partition and firmware and operating system and debug and e;



## THE ACM DIGITAL LIBRARY

Full text of every article ever published by ACM.

### • [Using the ACM Digital Library](#)

- [Frequently Asked Questions \(FAQ's\)](#)

### Recently loaded issues and proceedings:

*(available in the DL within the past 2 weeks)*

ACM Transactions on Asian Language Information Processing (TALIP)  
[Volume 3 Issue 1](#)

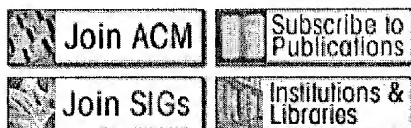
ACM Transactions on Database Systems (TODS)  
[Volume 29 Issue 3](#)

Queue  
[Volume 2 Issue 5](#)  
[Volume 2 Issue 4](#)

netWorker

### Feedback

- [Report a problem](#)
- [Take our Satisfaction survey](#)



### • [Advanced Search](#)

### • [Browse the Digital Library:](#)

- [Journals](#)
- [Magazines](#)
- [Transactions](#)
- [Proceedings](#)
- [Newsletters](#)
- [Publications by Affiliated Organizations](#)
- [Special Interest Groups \(SIGs\)](#)

### Personalized Services: [Login required](#)

#### My Binders

Save search results and queries. Share binders with colleagues and build bibliographies.

#### TOC Service

Receive the table of contents via email as new issues or proceedings become available.



[CrossRef Search](#)  
Pilot program to create full-text interpublisher searchability.

**Computing Reviews**

Access [critical reviews](#) of computing literature.

## THE GUIDE TO COMPUTING LITERATURE

**Bibliographic collection** from major publishers in computing.  
[Go to The Guide](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)



US Patent &amp; Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used

partition and firmware and operating system and debug and extension and access and read and write

Four

71,3

141,6

Sort results by 
[Save results to a Binder](#)
[Try an Advanced Search](#)
Display results 
[Search Tips](#)
[Try this search in The ACM Guide](#)
☐ [Open results in a new window](#)

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale ☐ ☐ ☐ ☐

### 1 [Toward user sharing of the microprogramming level under UNIX on the Perkin-Elmer 3220](#)

J. Eric Roskos, Robert I. Winner

December 1981 **Proceedings of the 14th annual workshop on Microprogramming**Full text available: pdf(624.75 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A master/slave model of writable control store is presented which is claimed to be a better representation of the operating system view of control store than models which more accurately portray the physical reality. Reported work includes the completed development of UNIX tools: an assembler generating relocatable, linkable microcode; a linking, relocating loader; a fast absolute loader; an interactive hard debugging aid allowing the setting of breakpoints; and alterations of the ...

### 2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**Full text available: pdf(4.21 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

### 3 [Design challenges of virtual networks: fast, general-purpose communication](#)

Alan M. Mainwaring, David E. Culler

May 1999 **ACM SIGPLAN Notices , Proceedings of the seventh ACM SIGPLAN symposium on Principles and practice of parallel programming**, Volume 34 Issue 8Full text available: pdf(1.57 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Virtual networks provide applications with the illusion of having their own dedicated, high-performance networks, although network interfaces possess limited, shared resources. We present the design of a large-scale virtual network system and examine the integration of communication programming interface, system resource management, and network interface operation. Our implementation on a cluster of 100 workstations quantifies the impact of

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

## Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

## IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

 Your search matched **13** of **1069805** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

## Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.


☐ Check to search within this result set

## Results Key:

**JNL** = Journal or Magazine    **CNF** = Conference    **STD** = Standard

**1 Design of a microcomputer platform with real-time operating system laboratory projects**
*Jovalekic, S.; Rieger, M.; Runge, R.;*

 Frontiers in Education Conference, 1997. 27th Annual Conference. 'Teaching : Learning in an Era of Change'. Proceedings. , Volume: 3 , 5-8 Nov. 1997  
 Pages:1383 - 1387 vol.3

[\[Abstract\]](#)   [\[PDF Full-Text \(500 KB\)\]](#)   **IEEE CNF**
**2 Do you know where your architecture is?**
*Vinoski, S.;*

 Internet Computing, IEEE , Volume: 7 , Issue: 5 , Sept.-Oct. 2003  
 Pages:86 - 88

[\[Abstract\]](#)   [\[PDF Full-Text \(267 KB\)\]](#)   **IEEE JNL**
**3 The design and implementation of real-time schedulers in RED-linu**
*Kwei-Jay Lin; Yu-Chung Wang;*

 Proceedings of the IEEE , Volume: 91 , Issue: 7 , July 2003  
 Pages:1114 - 1130

[\[Abstract\]](#)   [\[PDF Full-Text \(547 KB\)\]](#)   [\[Full-Text HTML\]](#)   **IEEE JNL**
**4 Process to process communication over Fastbus in the data acquisition system of the ALEPH TPC**
*Lusiani, A.;*

 Nuclear Science, IEEE Transactions on , Volume: 41 , Issue: 1 , Feb 1994  
 Pages:138 - 141

[\[Abstract\]](#)   [\[PDF Full-Text \(272 KB\)\]](#)   **IEEE JNL**